

*Office Memorandum* • UNITED STATES GOVERNMENT

TO : Chief, Communications Engineering Division      DATE: 30 September 1953

ATTN :

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FROM : Chief, Communications Operations & Training Division

SUBJECT: RS-11 Equipment

Forwarded herewith is the first section of the Functional Characteristics for RS-11 Equipment for inclusion with the characteristics you are preparing.



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FUNCTIONAL CHARACTERISTICS FOR

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RS-11 EQUIPMENT

I GENERAL INFORMATION

1. Objective

a. The objective of this equipment is to fulfill a requirement for  transmitter-receiver which is capable of medium range communications with a base station and which is small and light-weight to the extent that it can be transported by one man, including the power source.

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b. A secondary operational need exists for the receiver portion of this equipment operated separately from the transmitter.

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4. Background and/or Related Information

a. The RS-5 equipment presently being used for this requirement has met with general success. Improvements that should be made include:

- (1) Smaller size (especially the battery supply)
- (2) Lighter weight
- 3 (3) ~~Longer battery life~~
- 3 (4) Increased transmitter power
- 4 (5) Sidetone keying

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5. Estimated Quantities Required

a. It is estimated that between 500 and 1000 of these sets will be required for initial procurement.

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